



STATE OF MARYLAND

DMMH

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Weekly Heat-related Illness Surveillance Report

July 17, 2012

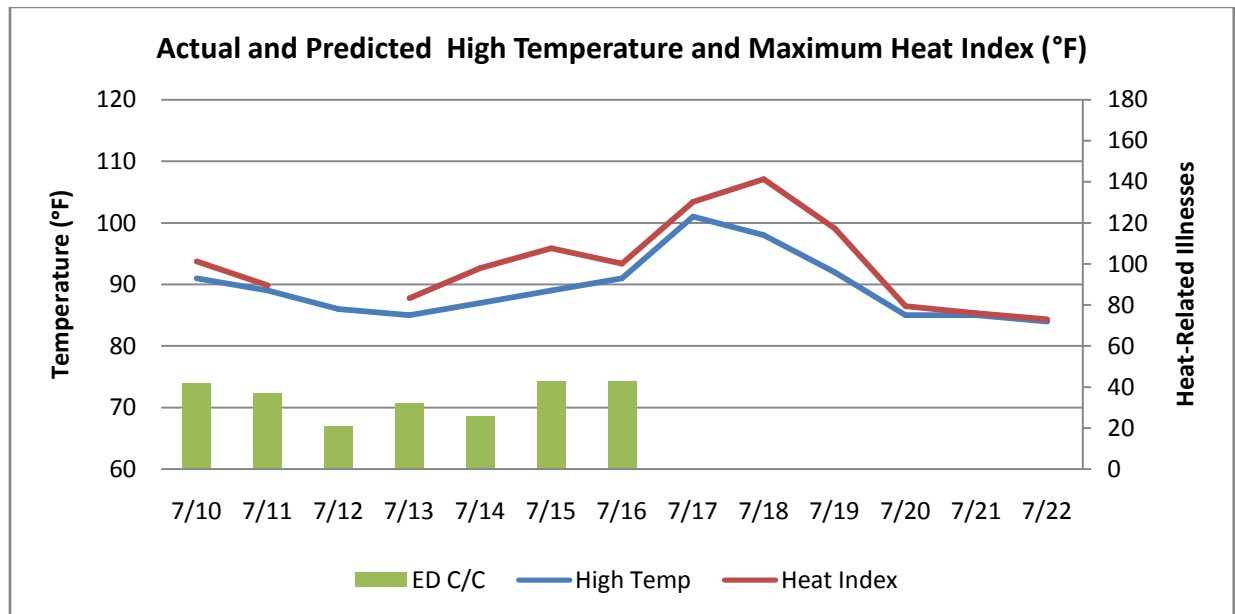
Reporting for 07/10/12 through 07/16/12

This information is used to make a Heat Advisory but is not a Heat Advisory in itself.

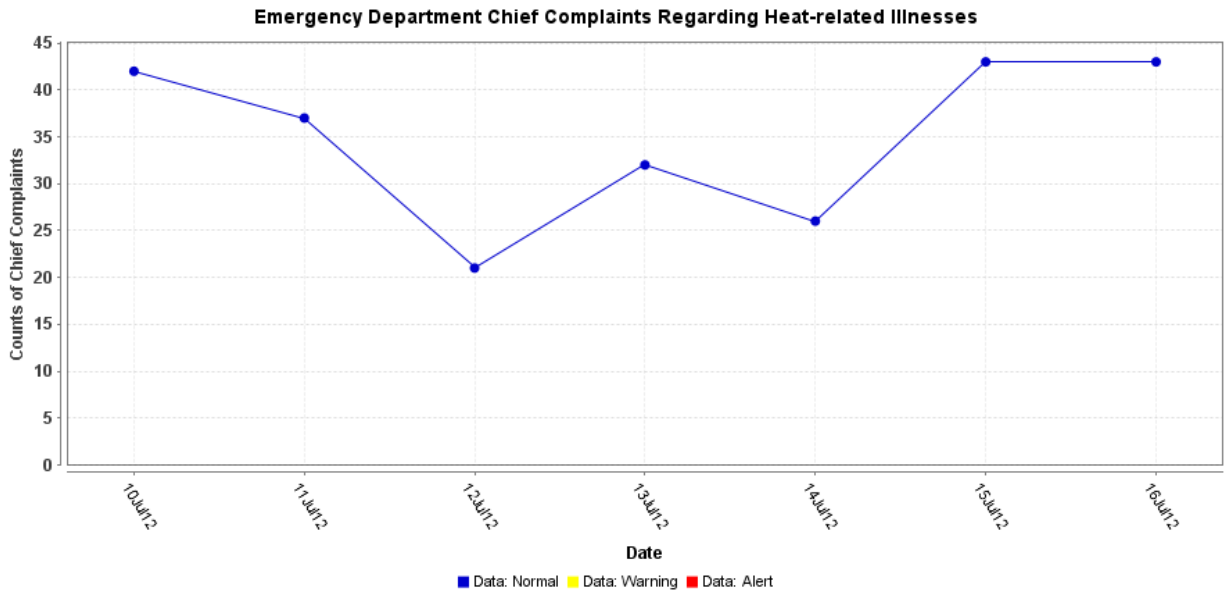
National Weather Service Forecast: Heat Advisory for July 17 and 18

Heat Advisories Declared During the Previous Week: 0

Total Heat Advisories Declared This Year: 11



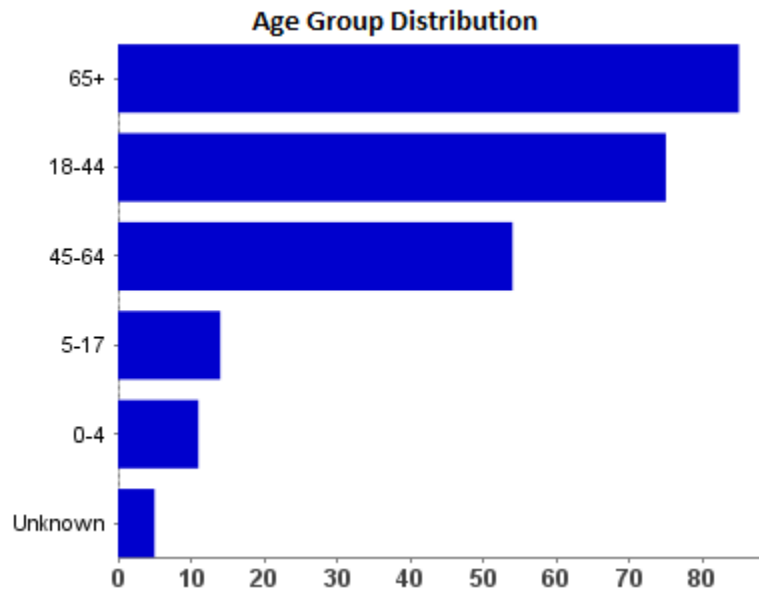
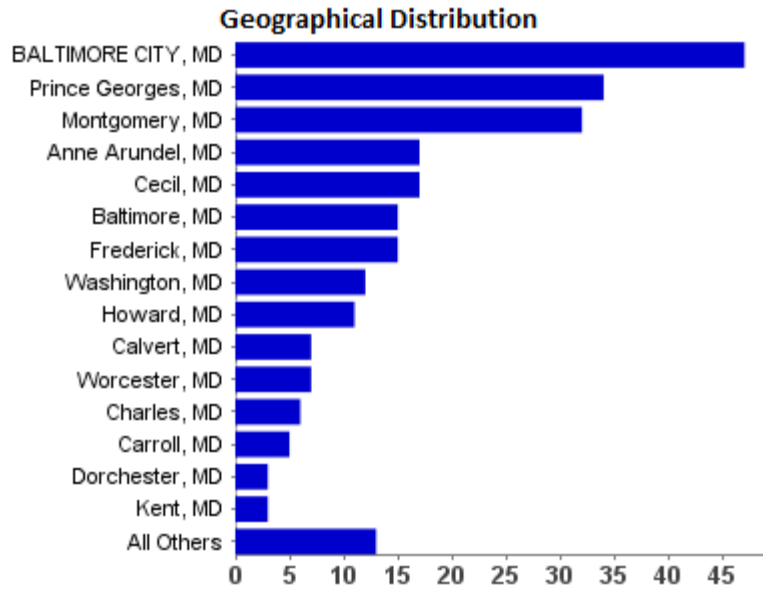
Heat Indexes are calculated for temperatures above 80°F with humidity of 43% or greater.



Date	Number of Chief Complaints Regarding Heat-related Illnesses State of Maryland
July 10	42
July 11	37
July 12	21
July 13	32
July 14	26
July 15	43
July 16	43

*Note: ESSENCE chief complaint query contains the following terms: hyperthermia, heat, dehydration, and sun burn

There were no chief complaint clusters identified during the week.



Total Number of Confirmed Heat-related Deaths to Date	Jurisdiction[#]	Age Group	Sex
23	Montgomery County	45-64 Years Old	Male
	Wicomico County	65+ Years Old	Male
	Baltimore City	65+ Years Old	Male
	Baltimore City	65+ Years Old	Male
	Baltimore City	65+ Years Old	Male
	Baltimore County	65+ Years Old	Male
	Montgomery County	65+ Years Old	Male
	Baltimore City	45-64 Years Old	Male
	Baltimore County	65+ Years Old	Male
	Baltimore City	65+ Years Old	Male
	Harford County	65+ Years Old	Male
	Baltimore City	65+ Years Old	Male
	Wicomico County	65+ Years Old	Female
	St. Mary's County	65+ Years Old	Male
	Prince George's County	65+ Years Old	Male
	Baltimore City	45-64 Years Old	Male
	Baltimore County	65+ Years Old	Female
	Prince George's County	45-64 Years Old	Male
	Baltimore City	45-64 Years Old	Male
	Washington County	45-64 Years Old	Male
	Montgomery County*	45-64 Years Old	Male
	Prince George's County*	65+ Years Old	Female
	Harford County*	45-64 Years Old	Male

[#]Refers to the jurisdiction where the heat-related death occurred

*Deaths that did not occur during the June 29 – July 8 complex heat emergency

There have been a total of 23 heat-related deaths thus far in 2012.

Heat Advisory criteria: A Heat Advisory will be made for heat index values of 105°F or greater. We may issue a Heat Advisory for combinations of conditions such as high temperature, extended heat waves, humidity, poor air quality, and high UV. Criteria are based on National Weather Service guidelines.¹

Note: The heat report will be released on Tuesdays, with the reporting period being the previous Tuesday through Monday. The results from the query used in ESSENCE to track heat-related illnesses may be an overestimation of the actual burden of illness related to the hot weather. This overestimation is due to the nature of the query, which includes the term dehydration, a condition that may be caused by factors other than heat. OP&R will be issuing heat reports through the beginning of September 2012.

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¹ NWS Heat Index Chart: <http://www.nws.noaa.gov/os/heat/images/heatindex.png>